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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants:** Chandan Mathur, Scott Hellenbach, John W. Rapp  
**Title:** COMPUTING MACHINE HAVING IMPROVED COMPUTING ARCHITECTURE AND RELATED SYSTEM AND METHOD  
**Serial Number:** 10/684,053  
**Filing Date:** October 9, 2003  
**Examiner/Unit:** David J. Huisman / 2183  
**Attorney Docket No.:** 1934-012-03 (FE-00656)

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Signature

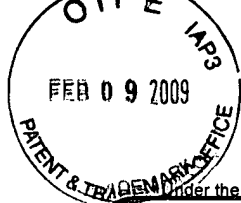
AMENDMENT AND RESPONSE UNDER 37 CFR §1.111

TO THE COMMISSIONER FOR PATENTS:

Receipt of a Final Office Action mailed on November 5, 2008 in the above-referenced patent application is acknowledged. Please amend the application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 23 of this paper.



PTO/SB/21 (01-09)

Approved for use through 02/28/2009. OMB 0651-0031

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

Application Number	10/684053
Filing Date	September 10, 2003
First Named Inventor	Chandan Mathur
Art Unit	2183
Examiner Name	David J Huisman
Attorney Docket Number	1934-012-03

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Graybeal Jackson LLP		
Signature			
Printed name	Bryan A. Santarelli		
Date	February 5, 2009	Reg. No.	37,560

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Typed or printed name	Bryan A. Santarelli	Date	February 5, 2009

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